

LINEAR DATA SHEET

SYSTEM: LINEAR | STYLE: CLOSED

Linear Closed is a monolithic wood ceiling system featuring a shiplap profile with concealed joints to create a seamless, full-cover architectural appearance. Random-length planks install sequentially, delivering a continuous wood ceiling with efficient installation. Installs much like a floor onto a ceiling or wall.



Linear Closed is a monolithic feature ceiling system with a shiplap profile and concealed joints for a full-cover architectural appearance. Random-length planks install sequentially to standard 15/16" Heavy Duty T-Grid provided by contractor, eliminating heavy metal framing and support typically required to suspend nailed in-place boards. Planks are installed end-to-end with tongue & groove joints to create a continuous, monolithic appearance. Random length boards are furnished between 3' - 10'.

Linear closed is only available in solid wood.



DESIGN

Linear Closed is produced in New Park, PA. The Linear Clips are an attachment method utilized by Wood Grille and is designed for simple, efficient installation. Loose clips are provided for attachment to heavy-duty T-Grid (provided by others) and are mechanically fastened to wood boards by the contractor. Primary access panels can be coordinated with MEP locations and cut in the field. In-factory cutouts can be achieved through coordination with the Wood Grille engineering department.



ACOUSTICS

Linear Closed features a 1/4-inch overlap between adjacent planks, eliminating visible reveals and creating a continuous, refined appearance with a subtle reflective surface.



SUSTAINABILITY

Linear Closed contributes to sustainability initiatives like **WELL** and **LEED** through FSC compliance, NAF cores, and Indoor Advantage Gold certification.



FIRE PERFORMANCE

Linear Closed is available with a Class A fire-rated finish in accordance with ASTM E84. Fire performance is achieved through the application of a specialized finish additive to the solid wood.



SEISMIC

Linear Closed meets code compliance via **direct screw attachment** to heavy duty grid. Local code should be consulted to determine additional seismic requirements.



SPECIFICATION

COMPONENTS

HANGERS

#12-gauge wire hangers, braided wire, or aircraft cable (contractor-supplied).

SUSPENSION SYSTEM

Standard 15/16" heavy-duty grid system made from galvanized steel and are 12 feet long provided by the contractor. The loose clip attachment system is field-attached to the grid. Clips are made of spring-steel with phosphate pretreatment and a corrosion-resistant coating.

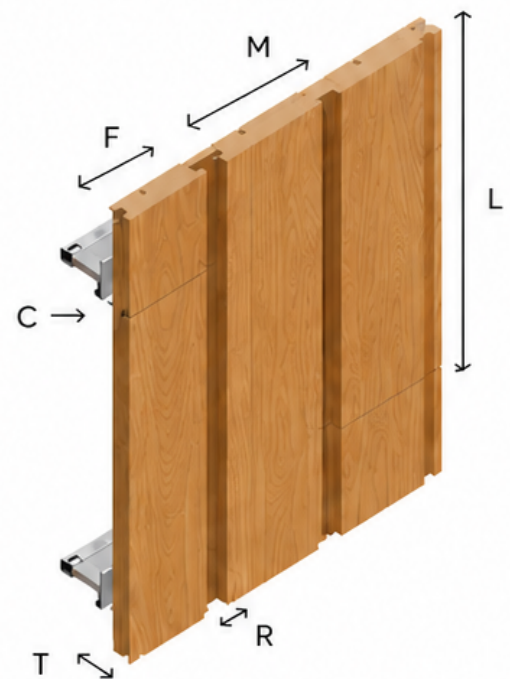
SYSTEM PROFILES & DIMENSIONS

Wood boards are 3/4" (19 mm) thick, with widths determined by the module selected. Standard board widths/modules are as follows:

M (MODULE)	4"
F (FACE) ¹	3-1/4"
R (RECESS)	3/4"
T (THICKNESS)	3/4"
L (LENGTH) ²	RL ²
C (CONNECTION)	TONGUE & GROOVE

¹ Face - Face dimension includes flat surface only

² RL - Random lengths (x) where 3'sx≤10'



INSTALLATION

ATTACHMENT

Linear Closed boards install end-to-end using a tongue & groove joint followed by a connection into a loose-fit T-grid clip.

SPECIAL CONDITIONS

Ceiling termination at a wall or soffit is accomplished using Wood Grille perimeter trim #101. The standard perimeter for floating ceilings is Linear Closed boards, turned 90° and pin-nailed into ceiling boards.

WOOD SELECTIONS

WOOD SPECIES

Linear Closed may be specified in a variety of wood species. Current standard wood species are: Ash, Maple, Red Oak, White Oak, Beech, Poplar, and Cherry. Thermally Modified wood species are also available.

TEXTURES

Standard surface texture is smooth-sawn. Faces are sanded.

FINISHES

WOOD FINISHES

Standard finishes include 20-sheen clear (satin) and 5-sheen clear (matte). Custom stains, opaque or semi-transparent colors are also available. All finishes are water based, low VOC-emitting, and do not contain solvents.

SHIPPING & STORAGE

SHIPPING

Linear Closed is shipped on skids in shrink wrap packaging. Finished surfaces are facing one another with slip sheets between to prevent marring.

STORAGE

Linear Closed shall be stored flat and level, in a fully enclosed space away from sunlight or moisture. For a minimum of seventy-two (72) hours immediately prior to ceiling installation, the packaging shall be opened and the panels shall be stored in the room in which they will be installed. The temperature and humidity of the room shall closely approximate those conditions that will exist when the building is occupied. Panels must be stored off the floor.

COORDINATION

TEMPERATURE & HUMIDITY

Linear Closed shall be installed only when the temperature and humidity closely approximate the interior conditions that will exist when the building is occupied. Heating and cooling systems shall be operating before, during, and after installation, with the humidity of the interior spaces maintained between 25 and 55 percent, and a temperature between 60 to 90 degrees F.

SPECIFICATION

NOTES

SPECIAL NOTES

² The Linear Closed system uses a mechanical fastener that attaches to the T-Grid creating positive attachment. The clips are made of spring-steel with phosphate pre-treatment and corrosion-resistant coating.

³ Primary Access Panels are sections of a system that have been removed and assembled into a lift & shift panel for required-access locations.

⁴ Thermally modified wood has been altered by a controlled process called pyrolysis which induces chemical changes to the cellular structure of the cell wall components of the wood material through heat to increase durability, shrink/swell factor, and biological resistance.

TYPICAL DETAILS

